

SRI 2003 Exhibitors

YBCA Theatre Lobby Exhibitors (Exhibit Area A)

A1 - Blake Industries, Inc.

660 Jerusalem Road, Scotch Plains, NJ 07076

Exhibitors: David G. Rognlie, Fern Letnes, blake4xray@worldnet.att.net, 908-233-7240, Fax 908-233-1354

Blake Industries will be exhibiting the Blake-Huber line of x-ray and synchrotron instruments and accessories, including rotary tables, goniometers, translation stages and Eulerian cradles.

A2 - Huber Diffractionstechnik GmbH & Co. KG

Sommerstrasse 4, D-83253, Rimsting, Germany

Exhibitors: Norman Huber, Christina Huber, Norman@xhuber.com, +49-0-80-51-68780, Fax +49-0-80-51-687810

X-ray crystallography equipment, synchrotron instrumentation, multi-circle diffractometers, positioning devices, control electronics. www.xhuber.com

A3 - FMB Feinwerk- und Messtechnik GmbH

Friedrich - Woehler - Str. 2, D-12489 Berlin, Germany

Exhibitors: Uwe Schneck, Wolfgang Drewitz, Simon Deuchler, Jean-Loup Rechatin (IRELEC)

U.Schneck@fmb-berlin.de, +49-30-6777300, Fax +49-30-67773040

Beamline and Front End Components, please find company description and products on www.fmb-berlin.de

A4 - Materials Data Inc.

1224 Concannon Blvd., Livermore, CA 94550

Exhibitors: Quintin Johnson, Jo Johnson, mdi@materialsdata.com, 925-449-1084, Fax 925-373-1659

Located at the edge of Silicon Valley in California, Materials Data is dedicated to the creation of superior PC tools for x-ray (powder) diffraction automation and materials characterization. MDI's scientific and technical teams produce new industry standards for the powder diffraction community. www.materialsdata.com

A5 - Varian Vacuum Technologies

704 Mendocino Way, Redwood City, CA 94065

Exhibitors: Bill Waters, Steve Carter

bill.waters@varianinc.com, 650-631-8199, Fax 650-631-8192

Total vacuum supply, including: turbomolecular pumps, ion pumps, scroll pumps, gauges, valves, leak detectors, vacuum hardware. www.varianinc.com

A6 - Kohzu Precision Co., Ltd.

2-6-15 Kurigi, Asao-ku, Kawasaki-shi, Kanagawa 215-8521 Japan

Exhibitors: Dr. Vladimir Kovacic, H. Chiba, chiba@kohzu.co.jp, +81-44-981-2131, Fax +81-44-981-2181

Precision mechanics: Positioning stages, goniometers, x-ray double crystal monochromators, x-ray diffractometers, etc.

www.kagaku.com/kohzu/english.html, www.kohzuamrica.com (KOHZU America Inc.), www.kohzu.co.jp (Japan)

A7 - Advanced Design Consulting

126 Ridge Rd., P.O. Box 187, Lansing, NY 14882

Exhibitors: Alex Deyhim, alex@adc9001.com, 607-533-3618, Fax 607-533-3618

In addition to a number of standard products, we specialize in the custom design, fabrication, assembly and installation of turnkey systems for various neutron and synchrotron facilities. www.adc9001.com

A8 - Jobin Yvon Inc.

3880 Park Avenue, Edison, NJ 08820

Exhibitors: Dr. Mike Carrabba, Dr. Erick Jourdain, Mike.carrabba@jobinyvon.com, 732-494-8660, Fax 732-548-9725

High performance optics and diffraction gratings for synchrotron radiation sources and monochromators. Complete beam line design, build and install. www.jyinc.com

YBCA Courtyard Exhibitors (Exhibit Area C)

c1 - International Radiation Detectors, Inc.

2527 W. 237th St. Unit A, Torrance, CA 90505-5243

Exhibitors: Dr. Raj Korde, Chad Prince, irdinc@earthlink.net, 310-534-3661, Fax 310-534-3665

Absolute XUV photodiodes. www.ird-inc.com

c2 - Lebow Company

5960 Mandarin Ave., Goleta CA 93117

Exhibitors: Edward Graper, George Salcedo, ed@lebowcompany.com, 805-964-7117, Fax 805-964-7117

Lebow Company will exhibit the widest range of ultrathin foil filters and windows of any company in the world. Lebow foils also serve as cell windows, light blocks and bandpass definition filters (ROSS filters) for short wavelength radiation as well as metal plasma generation targets. Vacuum tight Be windows 7.5 to 25µ thick will also be exhibited. In addition, Lebow Company will exhibit a range of thin film coated products including injection targets and coated micro-wires.

www.lebowcompany.com

c3 - Applied Geomechanics Inc.

1336 Brommer St., A-8, Santa Cruz, CA 95062 USA

Exhibitors: Gary Holzhausen, Etienne Constable, holzhausen@geomechanics.com, 831-462-2801, Fax 831-462-4418

Applied Geomechanics is the world's leading supplier of precision tilt sensors for scientific applications. With submicroradian resolution, our tilt-sensing systems position X-ray mirrors, align particle beams, and track structural and ground deformation to enhance synchrotron performance. www.geomechanics.com

c4 - BESTEC GmbH

Carl Scheele Str. 14, 12489 Berlin, Germany

Exhibitors: Dr. Rainer Hammerschmidt, rh@bestec.de, +49-30-6774376, Fax +49-30-6775718

Design, production and installation of single parts (monochromators, slit units, mirror bender and units) and complete beamlines (soft x- ray and infrared) and experimental endstations. www.bestec.de.

c5 - InSync, Inc.

2511C Broadbent Pkwy, Albuquerque, NM 87107

Exhibitors: Tom Tonnessen, Jim Metz, Tom@InSyncOptics.com, 505-345-2660x615, Fax 505-345-2589

Synchrotron and other custom optics. www.InSyncOptics.com

c6 - Gammadata Scientia AB

Box 15120, S-750 15, Uppsala, Sweden

Exhibitors: Dr. Robert Moberg, Mr. Jan-Olof Forsell, info@gammadata.se, Robert.moberg@gammadata.se, +46-18-4805884, Fax: +46-18-555888

Gammadata Scientia is a leading supplier of electron spectrometers for material science research. We are focusing on ultra high resolution spectroscopy and fast band mapping. Our product range also includes high resolution X-ray emission spectrometers, high intensity UV-sources and other equipment for surface science research. www.gammadata.se

c7 - MB Scientific AB

Seminariegatan 29B, SE-753 28 Uppsala, Sweden

Exhibitors: Ms. Mitsuse Matsuki, Clas Pihlstrom, clas.pihlstrom@mbscientific.se, +46-70-440-1423

MB Scientific AB develops, manufactures, markets and sells scientific instruments and systems. Our specialty is ultrahigh vacuum instruments for the surface science and the atomic and molecular science. Service and advising related to existing highly advanced equipment can be provided in certain cases. www.mbscientific.se

c8 - Nor Cal Products, Inc.

1967 S. Oregon, P.O. Box 518, Yreka, CA 96097

Exhibitors: Steve Greuel, ncsales@n-c.com, 530-842-4457, Fax 530-842-9130

Manufacturers of UHV products including chambers, manipulators, sample handling, etc. www.n-c.com

c9 - Toyama Co., Ltd

4-13-16 Hibarigaoka, Zama-shi Kanagawa-ken, Japan

Exhibitors: Joe Endo, Mr. Noboru Kamachi, furuya@toyama-jp.com, +81-46-253-1411, Fax +81-46-253-1412

Instruments for synchrotron beam lines and experimental stations (vacuum chamber, mirror system, monochromator, mask, absorber, slit, beam shutter, diagnostic, manipulator, analyzer, etc.).

c10 - Atlas Technologies

305 Glen Cove Road, Port Townsend, WA 98368

Exhibitors: Richard Bothell, Jed Bothell, atlas@olympus.net, 360-385-3123, Fax 360-379-5220

Atlas Technologies, manufacturer of the patented Atlas Flange™. The Atlas Flange enables UHV aluminum chambers and systems to be sealed using a robust CF stainless knife-edge. Atlas builds Beam Tubes, Monochromators Chambers, Dipole Chambers, undulators etc., using these technologies. Atlas offers a complete range of CF Atlas Flanges to other suppliers, world wide. Applying this technology to copper and Glidcop, Atlas also builds Front-ends, beam stops, mask assemblies, collimators, mirror vessels and water cooled Be-windows. Atlas also supplies cryogenic aluminum/stainless

transitions for helium and LN2 application. Atlas engineering offers complete vacuum system design services including FEA, mechanical, thermal and gas flow analysis using solid modeling CAD capability. www.atlasbimetal.com

c11 - Yokogawa Corporation of America

2 Dart Road, Newnan, GA 30265

Exhibitors: Joseph Ting, Boyd Shaw, 770-254-0400, Fax 770-254-1337

Yokogawa Corporation of America is the North American unit of \$3 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control, and automation solutions. Headquartered in Newnan, Georgia, Yokogawa Corporation of America serves a diverse customer base with market-leading products including analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, meters, instruments, distributed control systems, and more. www.yokogawa.com/

c12 - X-ray Instrumentation Associates

8450 Central Ave. Newark CA 94560

Exhibitors: Peter Grudberg, William K. Warburton, bill@xia.com, mark@xia.com, 510-494-9020, Fax 510-494-9040

X-ray Instrumentation Associates develops and sells advanced components for x-ray experimentation. Our specialty is high speed digital signal processors for x-ray detectors of all types, including Si(Li), HPGe, SDD, proportional counters and scintillator/PMT units and can cover energies from 200 eV to 1 MeV or more. We offer both stand alone units for single detectors and processor cards for detector arrays, which are available in both PXI and CAMAC form factors. Our output counting rates are unmatched in the industry and can exceed 700,000 cps/detector/second from solid state detectors and 1 Mcps from PMTs. Outputs can be either full spectra, multiple SCAs or multichannel scalars. Specialized timing applications, including scanning microprobe spectroscopy, can also be supported. We can also develop custom instruments for specialized applications. www.xia.com

c13 - Leybold Vacuum USA Inc.

5700 Mellon Road, Export, PA 15632

Exhibitors: Howard Pavasko, info@leyboldvacuum.com, 724-327-5700, Fax 724-325-3577

Leybold is a principal center for vacuum pump fabrication and assembly in the United States earning a reputation as a leading manufacturer and supplier of vacuum pumps, pumping systems, and components. Its products are used in a broad range of applications including food processing and packaging, research and instrumentation, heat-treating, optical coating, semiconductor as well as lighting, T.V. tube production, and automotive. Leybold's commitment includes technological innovation in design, flexibility in production, expert assistance in specifying customer requirements, responsive service, and full technical support. www.leyboldvacuum.com

c14 - General Electric Medical Systems

4855 West Electric Avenue, West Milwaukee, WI 53189

Exhibitors: Carey Rogers, Vivek Bhatt, carey.rogers@med.ge.com, 414-647-4475, Fax 414-647-4577

Amorphous Si, Digital X-ray Detectors. www.gemedicalsystems.com

c15 - Rigaku/MSc, Inc.

9009 New Trails Dr., The Woodlands, TX 77381

Exhibitors: Angela Criswell, Mark Tuff, info@rigakumsc.com, 281-363-1033, Fax 281-364-3628

Rigaku/MSc, is the world's leading resource for single-crystal X-ray diffraction hardware, software and contract services. Rigaku/MSc offers fully integrated small and macromolecule applications, Rigaku generators, X-ray optical systems, cryo-cooling devices and peripheral devices. In addition, Rigaku/MSc provides small and macromolecular structure determination services on a contract basis. www.msc.com

c16 - Johnsen Ultravac Inc.

3470 Mainway, Burlington, Ont 37M 1A8, Canada

Exhibitors: Hans De Jong, Mike Nagy, Hansd@ultrahivac.com, 905-335-7022/800-268-4980, Fax 905-335-3506

Johnsen Ultravac is a global supplier specializing in standard and custom engineered equipment for ultra high vacuum applications such as 5x10E-11 Torr vacuum chambers, beam line instruments including Front-ends, plane grating and double multilayer monochromators, beam stops, crystal mount and mask assemblies, collimators, mirror vessels, shutters (integral, photon, safety) and End-stations. In addition, we have the widest range in uhv manipulation devices including 6-axis goniometers with Helium cooling to 10K, 1400K+ heating stages and a wide range of custom designed deposition, surface analysis and cryogenic systems for space applications. www.ultrahivac.com

c17 - Brush Wellman Inc. - Electrofusion Products

44036 South Grimmer Blvd., Fremont, CA 94538

Exhibitors: Edgar Patenaude, Maria Bautista, maria_bautista@beminc.com, 510-623-1500 X710, Fax 510-623-7600

Brush Wellman Inc - Electrofusion Products (BW-EFP) is a fully integrated world-wide source for applications and products such as beryllium x-ray windows and vacuum assemblies for the analytical, medical, and scientific industries. Fabrication and joining of specialty metals, particularly beryllium. Manufacturing design, hot and cold sheet metal forming, atmospheric

and vacuum brazing, electron beam and conventional welding, exosy bonding, mass spectrometer leak testing, chemical and photoetching processes. www.ElectrofusionProducts.com

c18 - Wang NMR Inc.

550 North Canyons Parkway, Livermore, CA 94551

Exhibitors: Bert Wang, Tiki Wang, Clyde Taylor, bertwang@wangnmr.com, 925-443-0212, Fax 925-443-0215

Superconducting Magnet and related instrumentation, Copper magnet, bending magnet, dipole, quadrupole, undulator, wiggler magnet, etc. www.wangnmr.com

c19 - Xradia

4075A Sprig Drive, Concord, CA 94520

Exhibitors: Wenbing Yun, Steve Wang

wyun@xradia.com, 925-288-1228, Fax 925-288-0310

X-ray imaging optics and microscopes. www.xradia.com

c20 - Canadian Light Source Inc. and UMA Group

University of Saskatchewan, 101 Perimeter Rd, Saskatoon, SK S7N 0X4, Canada

Exhibitors: Jeffrey Cutler, CLS and Barry Hawkins, UMA Group, 306-657-3558, Fax 306-657-3535

The University of Saskatchewan-owned Canadian Light Source synchrotron is a unique national research facility that will light the way to a new era of science and innovation. Funded by federal, provincial, municipal, industrial and academic sources, it will begin operations in January 2004. For more information please visit us at the CLS/UMA booth or at

www.lightsource.ca

UMA is 92 year old firm providing programme / project management, systems engineering, design and specialist engineering services to the science and research community for over 35 years. UMA's staff is experienced in the complex and demanding world of advanced research, where the balance between technological innovation and the realities of project delivery must be maintained. UMA is part of the project team for the Canadian Light Source, TRIUMF-ISAC II and the U of Hawaii - AHI Projects. For more information visit us in the CLS/UMA exhibit booth or at www.umagroup.com

c21 - ACCEL Instruments GmbH

Friedrich Ebert Str. 1, 51429 Bergisch Gladbach, Germany

Exhibitors: Wolfgang Diete, Riccardo Signorato, w.diete@accel.de, +49-2204-842512, Fax +49-2204-842501

ACCEL Instruments GmbH is a world-wide operating engineering and manufacturing company specialized in custom designed equipment for research and industry in the fields of particle accelerators, synchrotron radiation instrumentation, and medical applications. We are able to design, manufacture, assemble, install, and commission beam lines as turnkey systems. We also provide components like, undulators, wigglers, double-crystal and double-multilayer monochromators, mirror systems, slit systems, and all sorts of beam monitors and all other beam line components. In addition, we realize components based on customer specification or built to print with our design office and our in-house workshops.

www.accel.de

c22 - SCT, Euro Industries Inc.

3578 Hartsel Drive, Unit E-108, Colorado Springs, CO 80920

Exhibitors: J.B. Lafon, D. Guerit, jblafon@euro-industries.net, dguerit@sct-ceramics.com, 719-264-6111, Fax 719-264-6333

SCT is a manufacturer of ceramics components and ceramics/metal brazed assemblies for synchrotrons, accelerators and other particles laboratories. www.sct-ceramics.com

c23 - Heatwave Labs

195 Aviation Way, Suite 100, Watsonville, CA 95076

Exhibitors: Kim Gunther, Marc Curtis, techsales@cathode.com, 831-722-9081, Fax 831-722-5491

Cathodes, electron guns, ion guns, ion sources, substrate heaters, filaments, ion pumps. www.cathode.com

c24 - JENOPTIK Mikrotechnik GmbH

Goeschwitzerstrasse 40, Jena 07745 Germany

Exhibitors: Christian Ehrlich, Verena Graf, Christian.ehrlich@jenoptik.com; verena.graf@jenoptik.com

+49-3641-65-2462, Fax: +49-3641-65-3562

JENOPTIK Mikrotechnik GmbH provides x-ray monochromators, x-ray scanners for LIGA applications, and EUV metrology equipment. www.jo-mikrotechnik.com

c25 - WIENER & CAEN (Wiener Plein & Baus, Ltd.)

300 East Auburn Ave., Springfield, OH 45505

Exhibitors: Andreas Ruben, Manfred Plein, Sales.us@wiener-d.com, 937-324-2420, Fax 937-324-2425

Low voltage and high voltage power supplies/systems, powered crates and modules for NIM, CAMAC, VME/VME64x, VXI. www.wiener-us.com

c26 - Crystal Scientific (UK) Ltd.

Lee Moor Business Centre, Rennington Alnwick, NE66 3RI UK
Exhibitors: Dr. Simon Cockerton, Mr. Richard Thomson
Sales@crystal-scientific.com, 441665572140, Fax 441665572141
Synchrotron Optics. Diffraction Crystals and Mirrors. www.crystal-scientific.com

c27 - Instrument Design Technology Ltd.

Campus Venture Centre, Zochonis Bldg, Univ. of Manchester, Oxford Road, Manchester M13 9PL UK
Exhibitors: Paul Murray, Paul Brookes, brookes@idtnet.co.uk, +44 161 276 8340, Fax +44 161 273 5111
Suppliers of complete beam lines and bespoke instrumentation. www.idtnet.co.uk

c28, c29 - GMW, Danfysik, Oxford Danfysik

6 Pinewood Road, Chelmsford, MA 01824 USA
Unit 1 Ferry Mills, Osney Mead, Oxford OX2 0ES, UK
Exhibitors: Andy Broadbent, Scott Mowat, Morton Pipper, Franz Bodker, andy@gmw.com, 978-455-6761, Fax 978-455-6762. **GMW Associates, Danfysik, and Oxford Danfysik** will be presenting;
The **Oxford Danfysik** range of synchrotron radiation beamlines, monochromators, advanced mirror systems (with SESO), standard beamline and diagnostic components (slits, shutters, fluorescent screens, beam position monitors, etc.), and scintillation counter and ionization chambers for use in experiments.
Danfysik, insertion devices including undulator and wiggler designs licensed from the ESRF. Elliptical (such as APPLE II) and in-vacuum designs are now available. Danfysik synchrotron accelerator, storage ring and beam transfer magnets, power supplies and complete systems.
GMW also offers Bergoz particle beam diagnostics for linacs, beam transfer lines, synchrotrons and storage rings, as well as PPM fiber optic links to 3 GHz for RF signal distribution.
www.gmw.com , www.oxford-danfysik.com, www.danfysik.com

SRI 2003 also acknowledge the support of the following vendors who were not able to attend this meeting and exhibit:**Micro Photonics Inc.**

PO Box 3129, Allentown, PA 18106
George Ferrio, george@microphotonics, 610-366-7103, Fax 610-366-7105
Complete range of x-ray detectors manufactured by Photonic Science Ltd. for SAX, WAX, Tomography, Diffuse Scattering, NDT, and Beam Alignment.
www.microphotonics.com

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www.photonic-science.ltd.uk